

LTA:212Za04

NAME:
Murphy Corners Moraines

ACRES:
40288.262

SQUARE MILES:
62.95

DESCRIPTION:
The characteristic landform pattern is nearly level moraine. Soils are predominantly somewhat poorly drained silt loam over calcareous loam till. Common habitat types include forested lowland, hydromesic, AH, AFAd, and AFH.

CLIMATE

CODE	PERCENT
77	56
86	44

GEOLOGY

BEDROCK TYPE DESCRIPTION
Carbonates

AVERAGE DEPTH
TO BEDROCK
5005

BEDROCK DEPTH
DESCRIPTION
Bedrock is between 50 feet and 5 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS
Till Deposition

TOPOGRAPHY
Nearly Level

SURFACE
Till Plain

SOIL INFORMATION

SOIL ASSOCIATIONS
Symco-Hortonville, Carbondale-Keowns-Cathro, Shiocton-Nichols

SOIL DESCRIPTION
Somewhat poorly drained and well drained loamy soils with a silt loam surface over calcareous loam till.

SURFACE TEXTURES
SIL

GENERAL TEXTURES
Loamy

FAMILY TEXTURES
FIL

DRAINAGE CLASSES
SPD-WD

PARENT MATERIAL
Till

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	Hydromesi	AH	AFAd	AFH	

*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	32519	81
Bare Land	262	1
Forested Wetland	2835	7
Grassland	1107	3
High Intensity Urban Area	42	0
Low Intensity Urban Area	26	0
Nonforested Wetland	1256	3
Open Water	7	0
Upland Broad-leaved Deciduous	2208	5
Upland Coniferous Forest	31	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
BE/O	66	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	14	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
SC	17	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	1	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
9 Miles	68 Miles	3 Acres	836 Acres	0'-20'	dendritic